

Listing of the Claims:

1. (canceled)
2. (currently amended) An additive for improving impact resistance, said additive comprising a blend of :
  - (A) 80 – 20% by weight of a core/shell additive comprised of
    - (1) 70-90% by weight of a cross linked elastomeric core compound of
      - a) 20-100% by weight of a nucleus comprising a copolymer of n-octyl acrylate and 1,4-butanediol diacrylate, and
      - b) surrounding said nucleus, 80-0% by weight of a covering comprising a copolymer of n-octyl acrylate and diallyl maleate, and
    - (2) surrounding said core, 30-10% by weight of a shell grafted on to the said core, said shell composed of a polymer of an alkyl methacrylate, the alkyl group of which has a carbon number ranging from 1 to 4, ~~or alternatively of a statistical copolymer of an alkyl methacrylate, the alkyl group of which has a carbon number ranging from 1 to 4, and of an alkyl acrylate, the alkyl group of which has a carbon number ranging from 1 to 8, containing a molar amount of alkyl acrylate ranging from 5% to 40%, or alternatively composed of a styrene acrylonitrile copolymer.~~
  - (B) 20 to 80 weight percent of a linear ~~copolymer~~ terpolymer which contains from 50 to 85 parts of units derived from ethylene, from 5 to 40 parts of units derived from a C1 - C8 ester of (meth)acrylic acid, and from 2 to 10 parts of a copolymerizable monomer containing an epoxy group.
3. (original) An additive according to claim 2, wherein said nucleus is about 90% by weight of said core and, said covering is about 10% by weight.
4. (original) An additive according to claim 3, wherein said shell consists essentially of poly(methylmethacrylate).

5. (original) An impact resistance additive according to claim 2, wherein said core/shell comprises from:
- a) 75% to 85% of said crosslinked elastomeric core,
  - b) 25% to 15% of said shell grafted onto the said core.
6. (original) An impact additive according to claim 2, wherein the covering of the crosslinked core has a molar amount of grafting agent of between 0.5% and 1.5%.
7. (original) An impact additive according to claim 2, characterized in that the alkyl methacrylate used to form the shell is methyl methacrylate.
8. (currently amended) An impact additive according to ~~claim 1~~ claim 2 wherein the C1 - C8 ester of (meth)acrylic acid of the linear copolymer is methyl acrylate.
9. (currently amended) An impact additive according to ~~claim 1~~ claim 2 wherein the copolymerizable monomer containing an epoxy group of the linear copolymer is glycidyl methacrylate.
10. (original) An impact modifier of Claim 2, wherein the terpolymer is comprised of 5-75 parts of units derived from ethylene, 20-30 parts of units is derived from a lower alkyl acrylate, and 5-15 parts of units is derived from glycidyl methacrylate.
11. (canceled)

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